

03040202-140

(Camp Branch)

General Description

Watershed 03040202-140 is located in Florence County and consists primarily of **Camp Branch** and its tributaries. The watershed occupies 19,848 acres of the Lower Coastal Plain region of South Carolina. The predominant soil types consist of an association of the Lynchburg-Fuquay-Rains-Goldsboro series. The erodibility of the soil (K) averages 0.15; the slope of the terrain averages 2%, with a range of 0-6%. Land use/land cover in the watershed includes: 46.4% agricultural land, 30.9% forested land, 17.0% scrub/shrub land, 3.7% forested wetland, and 2.0% urban land.

Camp Branch flows into the Lake Swamp Watershed near the City of Lake City. There are a total of 31.3 stream miles in this watershed, all classified FW.

Water Quality

| <u>Station #</u> | <u>Type</u> | <u>Class</u> | <u>Description</u> |
|------------------|-------------|--------------|-------------------------|
| PD-346 | W | FW | CAMP BRANCH AT S-21-278 |

Camp Branch (PD-346) - Aquatic life uses are not supported due to dissolved oxygen excursions. This is a blackwater system, characterized by naturally low pH and dissolved oxygen concentrations; however, the dissolved oxygen concentrations were inordinately low. Although pH excursions occurred, the pH values were typical of values seen in blackwater systems and were considered natural, not standards violations. Recreational uses are fully supported.

Growth Potential

There is a low to moderate potential for growth in this watershed, which contains a portion of the City of Lake City. Water and sewer services are limited to the urban areas of Lake City. The base of the watershed is traversed by U.S. Hwy. 52 (north/south) and U.S. Hwy. 378 (east/west). U.S. Hwy. 52 is a four-lane highway, and the main corridor between the Cities of Florence and Charleston. A rail line parallels the road corridor between Lake City and Florence. There are no plans to widen U.S. Hwy. 378, but it is a major beach access highway. Additional commercial development is possible along U.S. Hwy. 52 and at the U.S. Hwy. 52/U.S. Hwy. 378 intersection at the base of the watershed.